

### Abstract

Disclosed are a method and a system for correcting an angle-measuring and/or distance-measuring sensor system (1), in which sinusoidal and cosinusoidal measurement signals ( $x_i$ ,  $y_i$ ) obtained by scanning a moved object of measurement (2) are evaluated. In order to correct the angle errors and/or phase errors of the measurement signals ( $x_i$ ,  $y_i$ ), the method includes a compensation process and a subsequent correction process. Correction parameters ( $m_1$ ,  $m_2$ ) are obtained in the compensation process, and, in the correction process, a corrected pair of measured values ( $x_i'$ ,  $y_i'$ ) is determined from each pair of measured values ( $x_i$ ,  $y_i$ ).

(Figure 1)